

FIG. 1

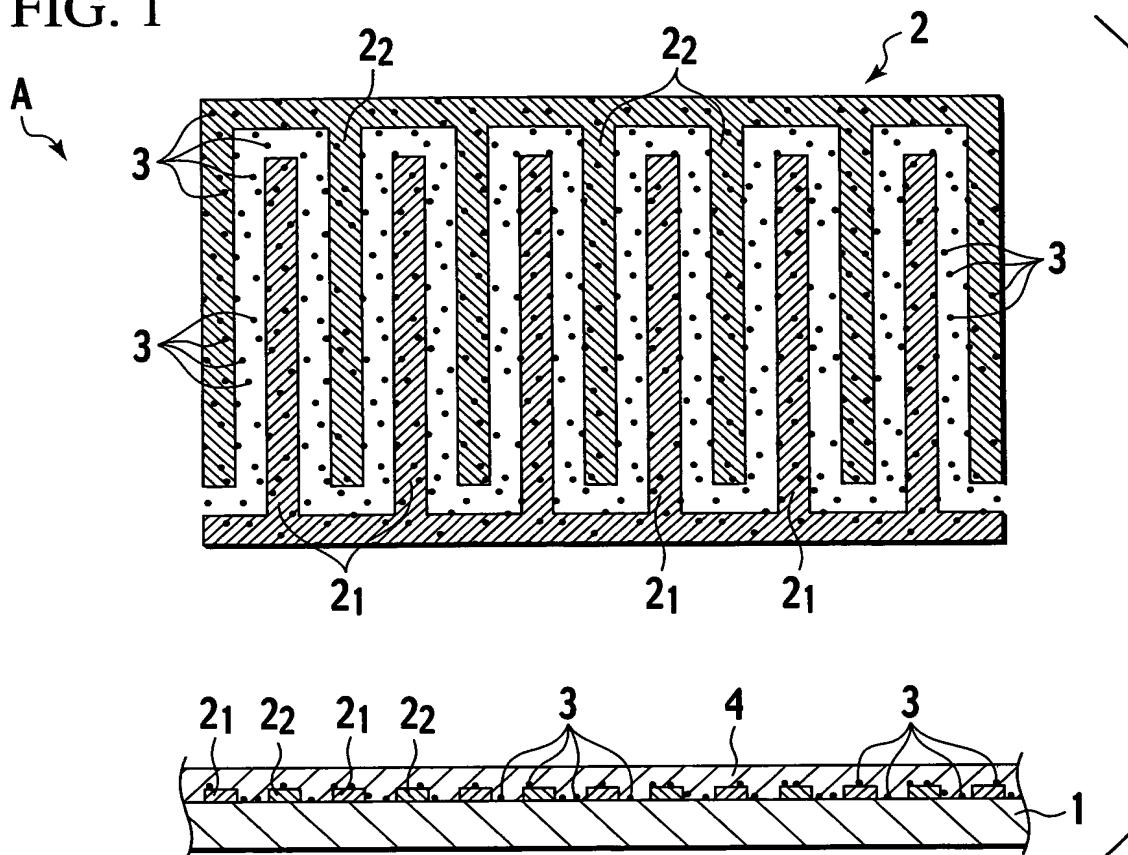


FIG. 2

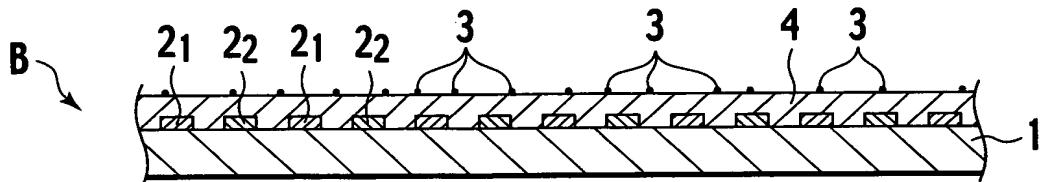
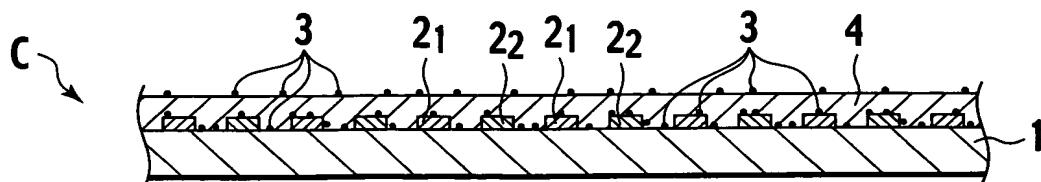


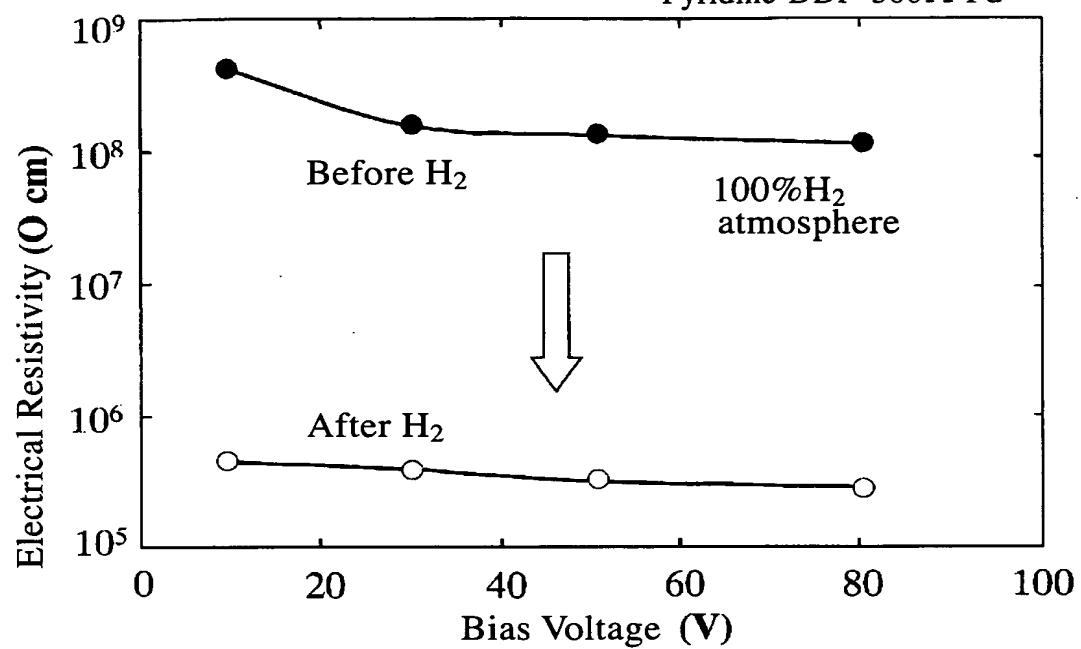
FIG. 3



**FIG. 4**

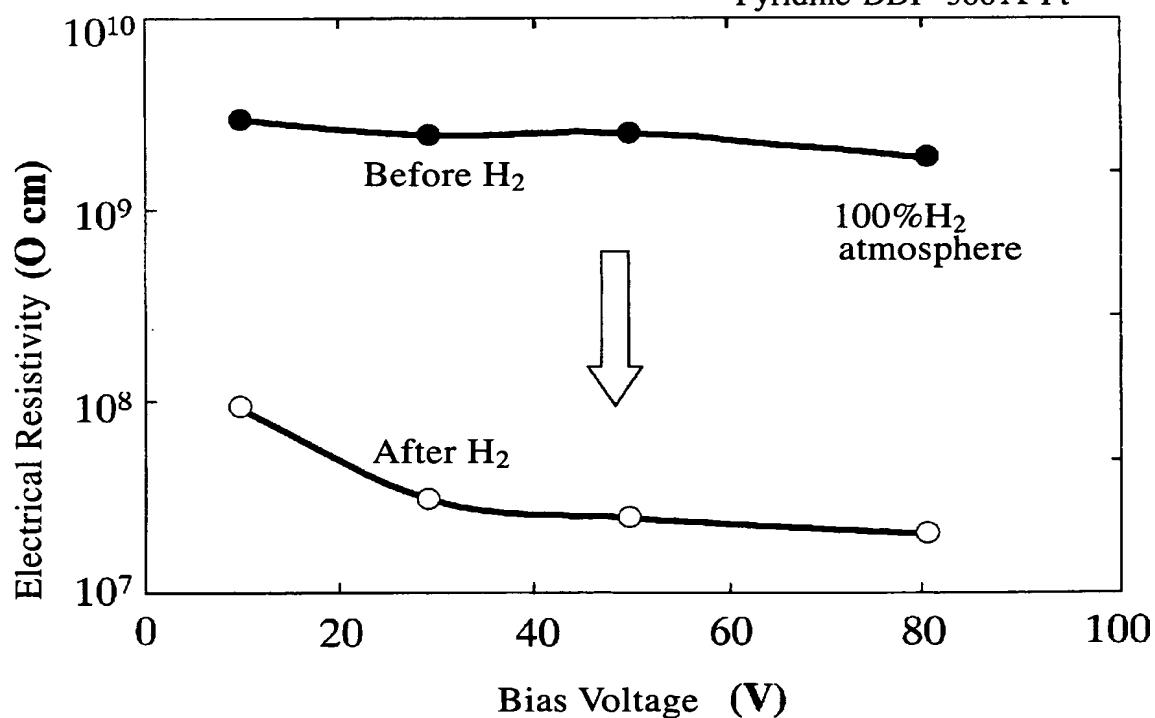
Change in Electrical Resistivity by H<sub>2</sub>  
(Pyridine-DDP on Pd/ITO)

Pyridine-DDP 500 Å Pd

**FIG. 5**

Change in Electrical Resistivity by H<sub>2</sub>  
(Pyridine-DDP on Pt/ITO)

Pyridine-DDP 500 Å Pt



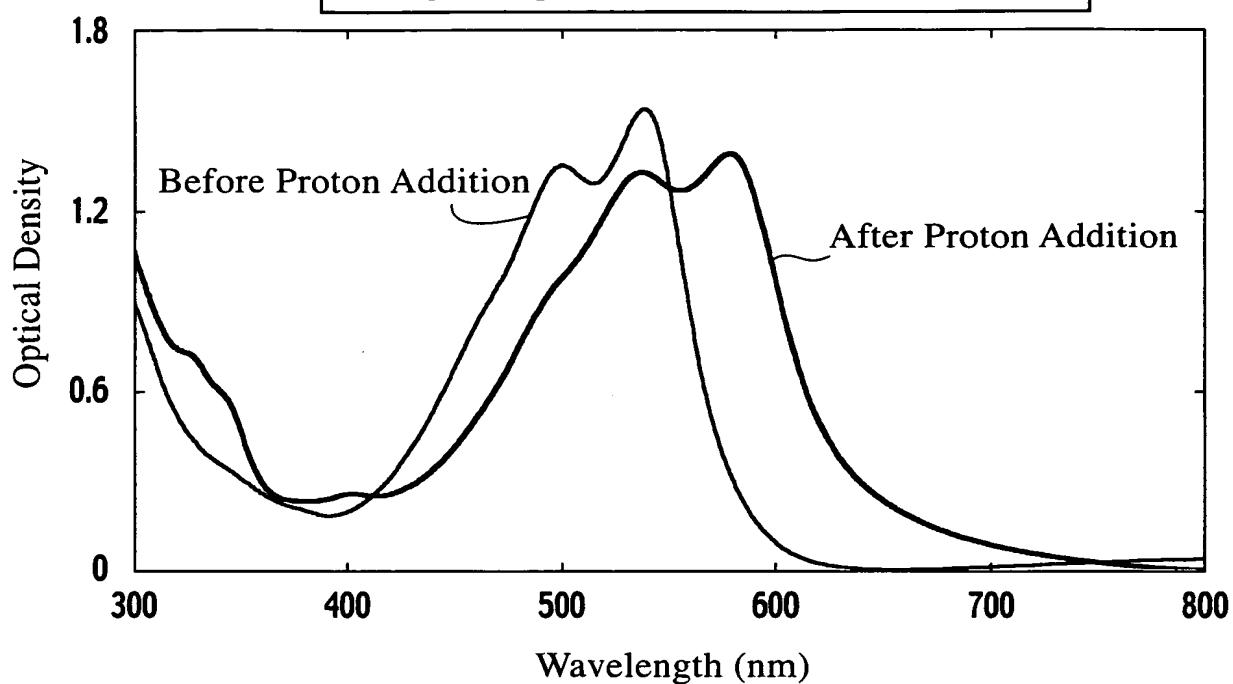
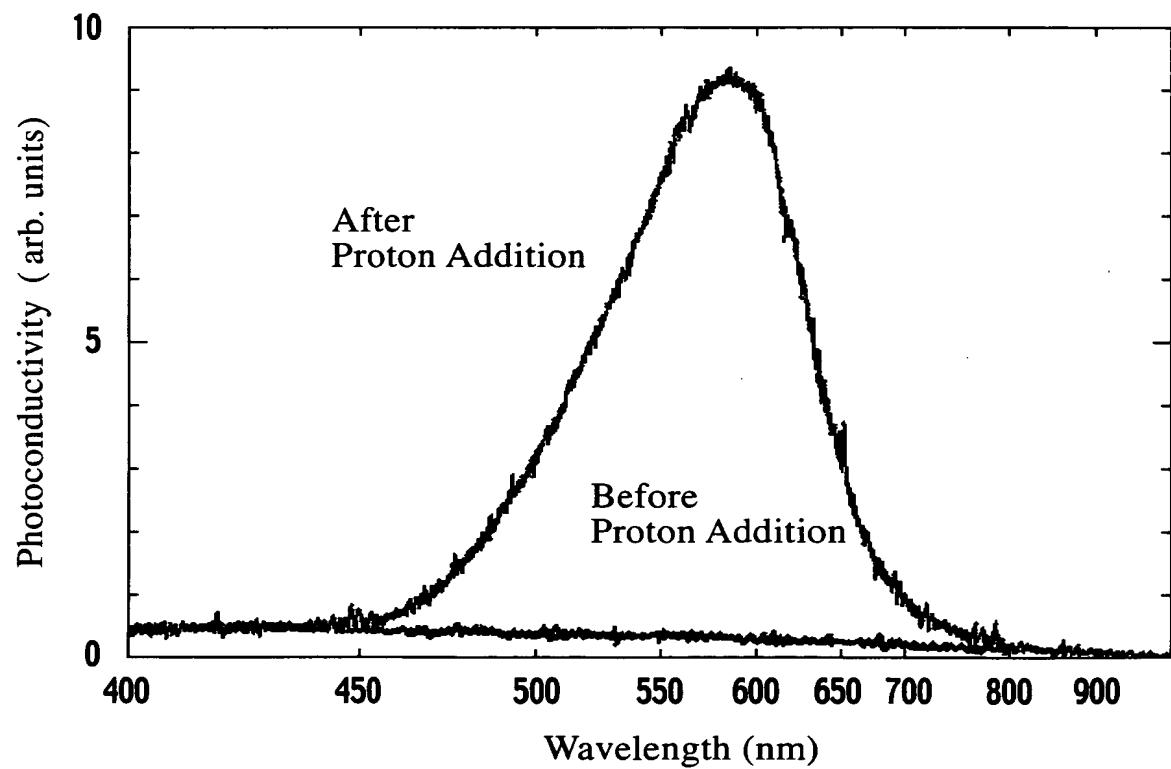
**FIG. 6****Change in Spectra Caused by Proton Addition****FIG. 7**

FIG. 8

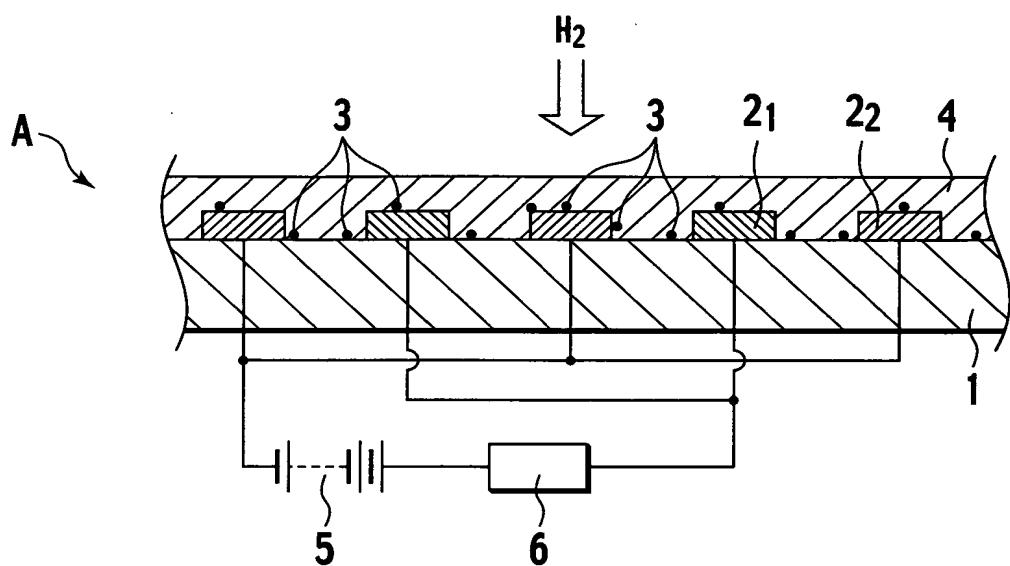


FIG. 9

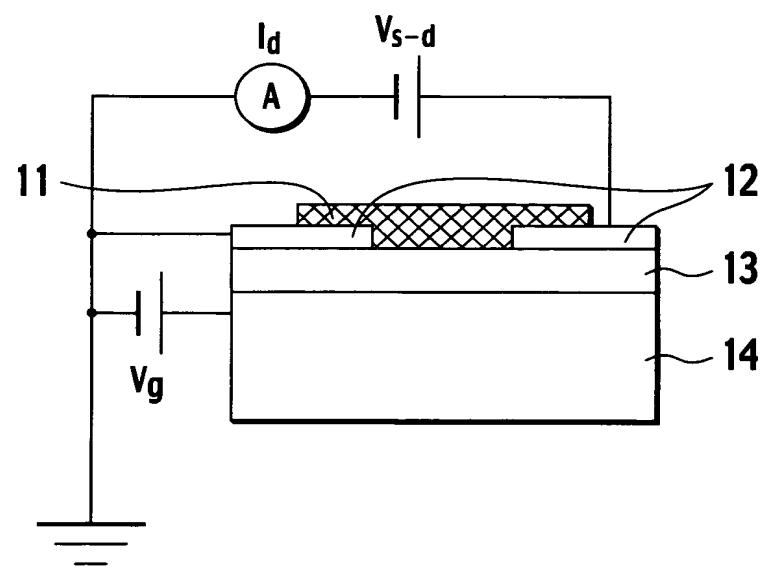


FIG. 10

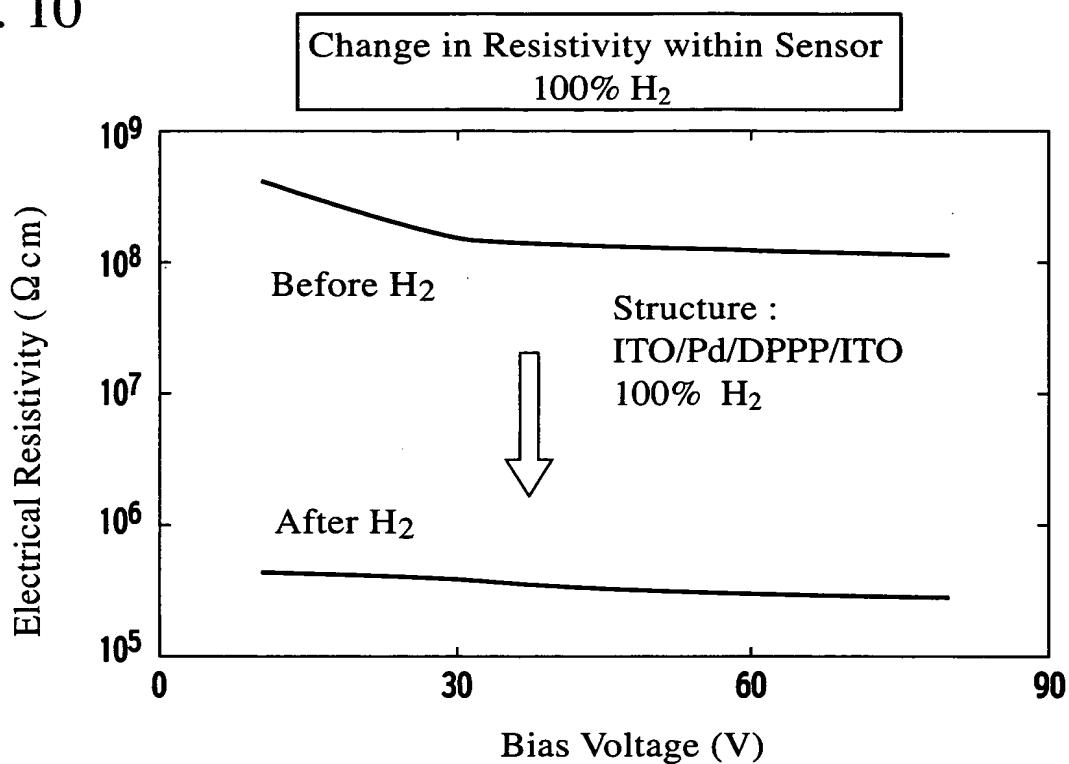
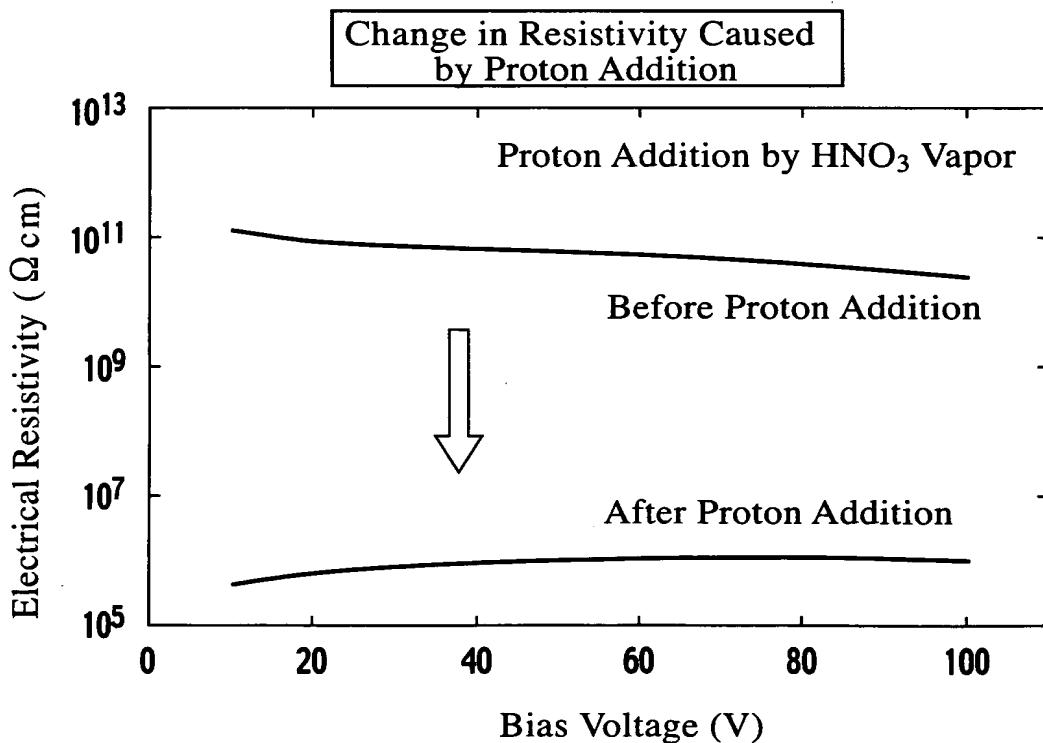


FIG. 11



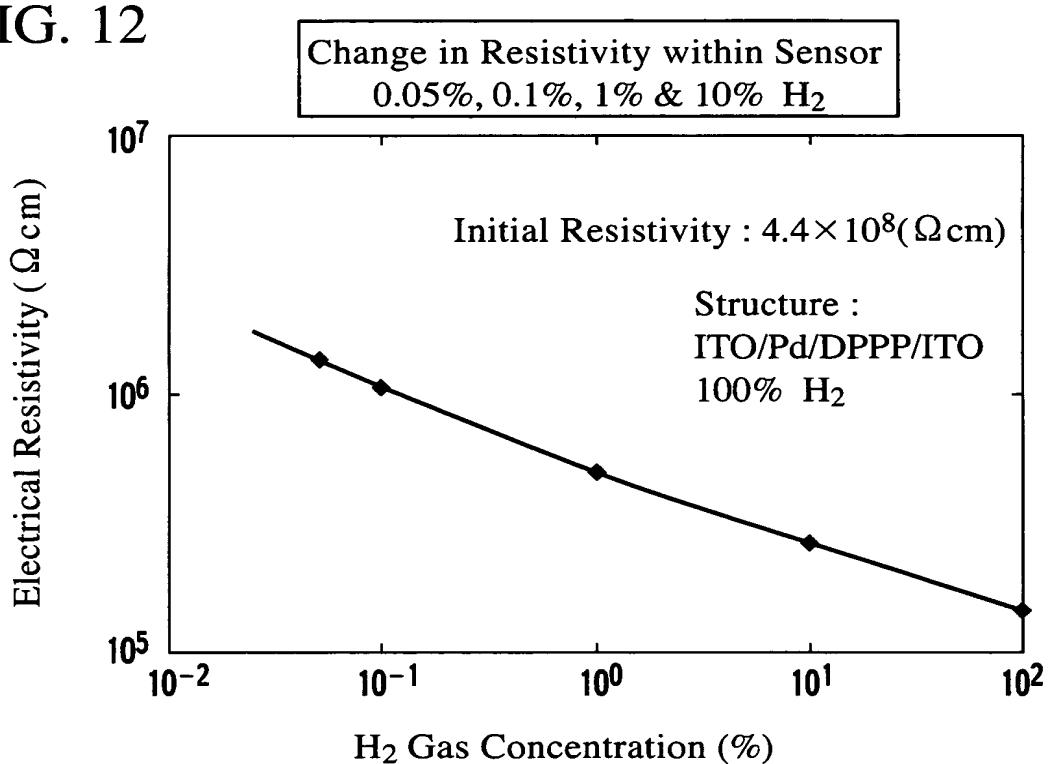
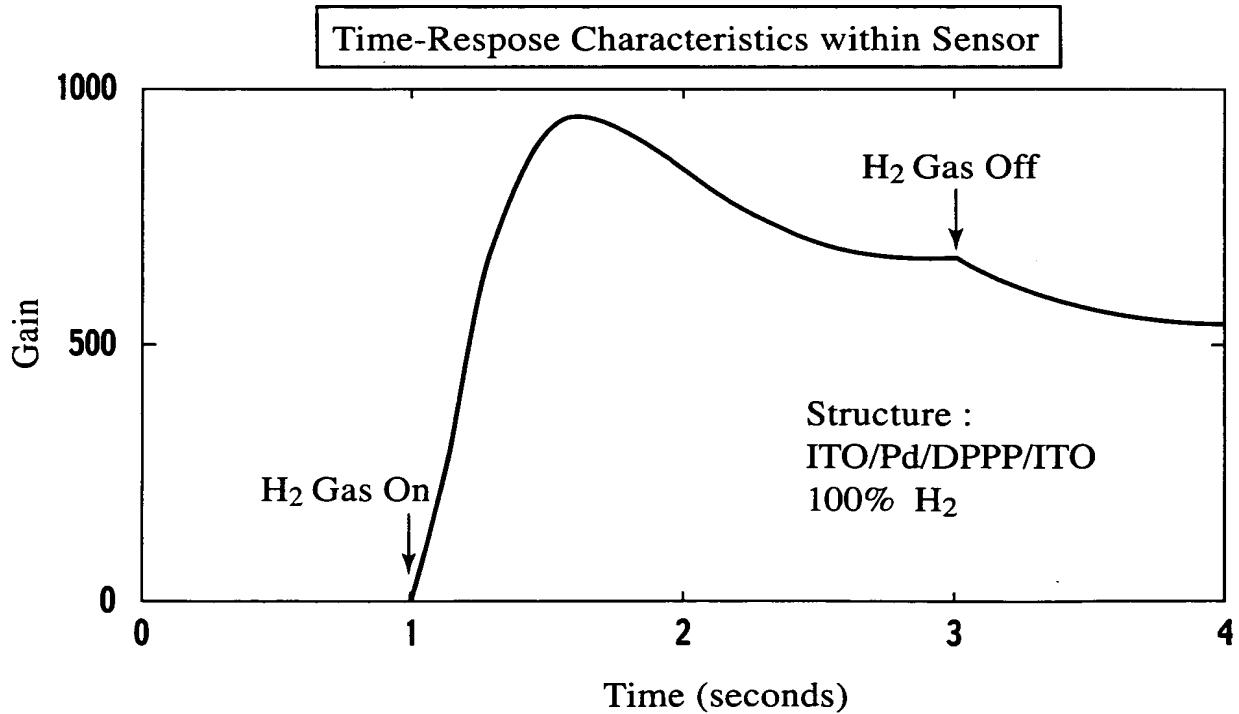
**FIG. 12****FIG. 13**

FIG. 14

